M. A. R. 57 (Rule 116)
Measurement Book

No. B

425141

Serial No. 1st and final Bill

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency ..... Smt. M. Girija Contractor.

Date of commencement of work ..... D.O. Recording : 12.01.2021

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Name of Work :-	Improvements to Roads and Construction of culverts at Ramakrishna Hegde Nagar East side in Ward No.06 By Narayanpura Sub-Division					
	Estimated cost Rs.	10.00 Lakhs					
	JOB. NO	= 006-19-000039					
	Work order No	= BBMP/EE/BTP/WO/191/2019-20					Dt. 12.12.2019.

(1)

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(1)	Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2m and an average lift upto 0.30m, excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking clods complete as per specification.						
						Qty vide pre-measurements in this MB - 11 no. (5) pages 425183	
						= 98.284 m³ @ 100.00/m³ Rs	9828.00
2)	Providing and laying in position plain cement concrete of						

M. A. R. 57 (Rule 116)
Measurement Book

No. B

Serial No. .....

Name of Work ..... From..... To..... 425142

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	mix M 1:4:8 with OPC cement and 10mm to 4mm any down size graded granite metal coarse aggregate e 0.892 m³ and fine aggregates e 0.357 m³ machine mixed concrete laid in layers not exceeding 15cms thick well compacted in footings and plinths, including curing, cost of all materials, labour, use of machinery, curing complete as per specification.						
						Qty vide pre-measurements Recorded in this MB - 11 no. (5) pages 425184	
						= 15.51 m³ @ 4000/m³	62040.00

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
5)	Providing and constructing granite (trap) basalt Size stone masonry in basement with cyclic, Edges of stones chisel dressed in courses not less than 15cms high, bed stones 2 mt apart in each course including costly materials, labour, curing complete as per specification.						
	for CD	2	6.m	0.60	0.90	= 6.48 y^3	
		2	6.m	0.60	0.90	= 6.48	
						12.96 y^3	6480.00
						@ 5000/y^3	
6)	Providing and removing Centering, shuttering, straiting propping						

M. A. R. 57 (Rule 116)
Measurement Book

No. B 425143

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	etc and removal of same from works for sides and soffits of Beams, beam haunching, Cantilever girders, brestsummers and lintels not exceeding 1 m in depth including costing all materials, labour complete as per specification						
						already paid for measurement Recorded in this M.B. P. no. 475185 at no. (4)	
						= 100.55 y^2 @ 309.00/y^2 Rs	31055.00
5)	Providing and laying in panels floors cement Concrete of M.R.						

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MEASUREMENT BOOK

Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	1:3:6 with ope cement & 22010ys, with 20mm & 6 down fye granite metal Coarse aggregate 0.8cum & fine aggregate 0.5cum machine mixed Concrete laid in layers not exceeding 15cms thick well Compacted & finished in cloudy Cooling methods, Cobom. Ramming machine, Curing Complete as per specification.						
	(a) for Co-coping - Rect	2nos	6.0m	0.60	0.15	0.54cum	
	Well	1no	6.0m	0.60	0.15	0.54	
		2nos	6.0m	0.60	0.15	2.16	
	(b) for Existing drainbed	1no	30.0m	0.45	0.15	3.38	
		1no	25.0m	0.45	0.15	2.81	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 425141

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	28.0m	0.75	0.15	3.15	
		1	18.0m	0.75	0.15	2.03	
						14.60 cum	
				Add 2%		14.58cum	
		do				@5000/cum	72900.00
	b) Providing flush pointing to Coursed stone masonry with CM 20mm deep, after raking out joints to depth of 20mm including materials, labour, curing complete as per specification.						

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		2 nos	6.00	-	0.90 =	10.80	C & RC
		2 nos	6.00	-	0.90 =	10.80	
						21.60 m³	
						@ 223.00/m²	4817.00
7)	Providing and laying in position plain cement concrete work 1:2:4 with ready mix concrete of 20 mm and down size graded granite metal coarse aggregate @ 0.87 m³ and fine aggregate @ 0.44 m³ with conplasticiser @ 3 lit/bag confirming to IS 9103-1999 Re-affirmed machine mixed hot exceeding 15 cm thickness vibrated for all floor slabs, beams, and lift level for Ramp slabs, staircase, landings						

M. A. R. 57 (Rule 116)
Measurement Book

No. B 425145

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Retaining walls including attached platform, columns, piers, abutments, pillars, posts, struts, buttresses, string or facing course etc including curing all material, labour, hire of machinery, curing complete as per specifications.						
	(a) for Rec drain bottom	1	30.00	1.05	0.15	4.73 m³	
		1	2.00	1.05	0.15	0.32	
		1	30.00	1.05	0.15	4.73	9.05 m
		1	5.00	1.05	0.15	0.79	
	Side wall	2 nos	30.00	0.15	0.80	7.20 m³	

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1×2	2.40	0.15	0.80 =	0.48	
		1×2	30.00	0.15	0.80 =	7.20	
		1×2	5.00	0.15	0.80 =	1.20	
						26.637	
					Say	26.65 qt	
					@ 5000/qt		132300.00
a)	Providing and laying steel reinforcement for RCC work including straightening, cutting, bending, hooking, placing in position, tapping and or welding binding wire and making necessary complete as per design, cost of material, labour						

M. A. R. 57 (Rule 116)
Measurement Book

No. B 425146

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Hire of machinery complete as per specification.						
	as per schedule of rates Recorded in this M.B. p. no. 425185						
	= 1.85 Tonne @ 70,000/Tonne . Rs						1,29,632.00
a)	Providing pre cast Hollow 250 mm thick including costing all materials, labour, curing, transportation, loading unloading etc complete as per specification.						

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions: Number	Length	Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
	first (1)	1	6.00	1.80	-	10.80	
		1	6.00	1.80	-	10.80	
						21.60 m²	
						@ 5000/m²	108000.00
10)	Providing precast slab of 100 mm thick including casting all materials, labour, curing, transportation, loading and unloading etc complete as per the directions of Engineer-in-charge						
	work.	1	35.00	0.50	-	27.00 m²	
		1	2.00	0.90	-	1.80	
		1	30.00	0.90	-	27.00	
		1	5.00	0.50	-	5.40	
							136080.00
		1	16.00	0.90	-	14.40	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 425147

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions: Number	Length	Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
11)	Loading and unloading of stone boulders by manual means complete as per specification.						
		qty vide item no. (1) =				98.28 m³	5897.00
		@				60.00/m³	
						Sub-Total Rs	7,57,247.00
						Add GST @ 12%	90,866.00
						Total Rs	8,48,083.00

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Double Roof Electric.			32 mts		35 mts	
	Narayanpura Cross						
	Thondebhavi Main Road						
	Narayanpura main Road						

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